Ulysses/SWICS Data Archive: Global Scope Attributes

gAttribute	Entry	Data Type	Value
TITLE	1:	CDF_CHAR	Ulysses/SWICS Full Resolution Matrix Rate Data
Project	1:	CDF_CHAR	UDS>Ulysses Data System
	2:	CDF_CHAR	NSSDC>National Space Science Data Center Archived Data
	3:	CDF_CHAR	ISTP>International Solar-Terrestrial Physics
Generated_by	1:	CDF_CHAR	Physics Institute, University of Bern, Bern, Switzerland
Generation_date	1:	CDF_CHAR	YYYYMMDD [generated]
Discipline	1:	CDF_CHAR	Space Physics>Interplanetary Studies
Source_name	1:	CDF_CHAR	Ulysses>Ulysses
Descriptor	1:	CDF_CHAR	GLG>Solar Wind Ion Composition Spectrometer (SWICS)
Data_type	1:	CDF_CHAR	H0>High Resolution Data
Time_resolution	1:	CDF_CHAR	13 minutes (with few exceptions)
Data_version	1:	CDF_CHAR	1
Skeleton_version	1:	CDF_CHAR	1.2
Software_version	1:	CDF_CHAR	SWICS Archive Generator (SAGEN) Ver. 1.0
TEXT	1:	CDF_CHAR	The Ulysses/SWICS instrument is a mass spectrometer combining an
	2:	CDF_CHAR	electrostatic analyzer with post acceleration, followed by a time-of-flight
	3:	CDF_CHAR	and energy measurement. The instrument covers an energy per charge range
	4:	CDF_CHAR	from 0.16 to 59.6 keV/e with a time resolution of about 13 minutes.
	5:	CDF_CHAR	SWICS is designed to determine uniquely the elemental and ionic-charge
	6:	CDF_CHAR	composition, the temperatures and mean speeds of all major solar wind ions,
	7:	CDF_CHAR	from H through Fe. For more information see G. Gloeckler, J. Geiss et al.,
	8:	CDF_CHAR	Astron. Astrophys. Suppl. Ser. 92, 267-289, 1992.
	9:	CDF_CHAR	This archive consists of all 18 Matrix Rates (MR) as a function of energy
	10:	CDF_CHAR	per charge (E/q) and of time. Each MR represents a specific element in one
	11:	CDF_CHAR	or several ionization states, but it may also contain significant
	12:	CDF_CHAR	contributions from neighbouring elements due to spillover. The MRs are given
	13:	CDF_CHAR	in units of count rates only. The accompanying SAPRO (SWICS Archive
	14:	CDF_CHAR	Processor) software can be used both to convert the MR count rates to
	15:	CDF_CHAR	physical units (differential flux, phase space density), to correct for
	16:	CDF_CHAR	spillover between different MRs, and to obtain kinetic parameters (density,
	17:	CDF_CHAR	speed, thermal speed) of selected ions (to be used with caution).
MODS	1:	CDF_CHAR	YYYYMMDD: Initial CDF data file creation [generated]
ADID_ref	1:	CDF_CHAR	NSSD0241
Logical_file_id	1:	CDF_CHAR	UY_H0_GLG_YYYYMMDD_V01 [generated]
Logical_source	1:	CDF_CHAR	UY_H0_GLG
Logical_source_description	1:	CDF_CHAR	Ulysses/SWICS full resolution matrix rate data
PI_name	1:	CDF_CHAR	G. Gloeckler, J. Geiss
PI_affiliation	1:	CDF_CHAR	Department of Physics, University of Maryland, College Park, Maryland, USA;
	2:	CDF_CHAR	Physics Institute, University of Bern, Bern, Switzerland
Rules_of_use	1:	CDF_CHAR	These data can reasonably be used only in collaboration with a member of the
	2:	CDF_CHAR	Ulysses/SWICS team.
Mission_group	1:	CDF_CHAR	Ulysses
Instrument_type	1:	CDF_CHAR	Plasma and Solar Wind